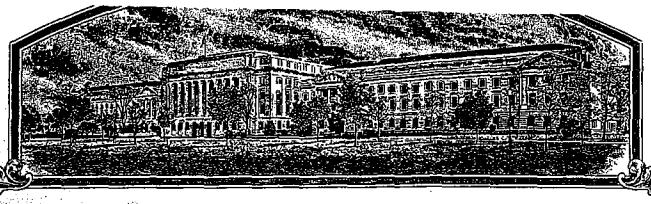

No. 200000295

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

DEKALB Genetics Corporation

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , OR USING IT IN CING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY TION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CORN, FIELD

'17INI30'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this eighteenth day of April, in the year two thousand two.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary

REPRODUCE LOCALLY. *Include form number and date on all reproductions* — Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1 NAME OF OWNER
DEKALB Genetics Corporation

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME

3. VARIETY NAME
17INI30

4 ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
3100 Sycamore Road
DeKalb, IL 60115

5. TELEPHONE *(Include area code)*
(815) 758-9281

6. FAX *(Include area code)*
(815) 758-3117

FOR OFFICIAL USE ONLY

PVPO NUMBER
200000295

FILING DATE
7/17/00

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
Delaware

9. DATE OF INCORPORATION
June 15, 1988

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*

Timothy R. Kain
DEKALB Genetics Corporation
3100 Sycamore Road
DeKalb, Il 60115

Donald Traut
DEKALB Genetics Corporation
3100 Sycamore Road
DeKalb, IL 60115

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 2450.00
DATE 6-8-00

CERTIFICATION FEE:
$ 320.00
DATE 3/25/02

11. TELEPHONE *(Include area code)*
(815) 758-9281

12. FAX *(Include area code)*
(815) 758-3117

13. E_MAIL
tkain@dekalb.com

14. CROP KIND *(Common Name)*
Corn

15 GENUS AND SPECIES NAME OF CROP
Zea mays

16. FAMILY NAME *(Botanical)*
Gramineae

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☒ NO

18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of Variety
d. ☐ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☒ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 20 and 21 below)* ☒ NO *(If "no," go to item 22)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☐ NO

21. IF "YES" TO ITEM 20, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☒ YES U.S. February 2000 ☐ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER Timothy R. Ka

SIGNATURE OF OWNER

NAME *(Please print or type)*
Timothy R. Kain

NAME *(Please print or type)*

CAPACITY OR TITLE
Patent Scientist

DATE 6/6/00

CAPACITY OR TITLE

DATE

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for $2,450 ($300 filing fee and $2,150 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice.)* Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of $300 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office
Telephone: (301) 504-5518
FAX: (301) 504-5291
Homepage: http://www.ams.usda.gov/science/pvp.htm

ITEM

18a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness

18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.

18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

19. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

22. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

23. *See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.*

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22. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

A hybrid produced from this variety was first sold in the United States - February 2000

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23. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

To avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center–East, Beltsville, MD 20705. Telephone: (301) 504-8089.

S&T-470 (6-98) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (03-96) which is obsolete.

EXHIBIT A

Origin and Breeding History
17INI30

17INI30 was selected for greater combining ability, improved standability and improved testweight.

Winter 1991-92	The inbred line 01IBH2 (a proprietary DEKALB Genetics Corporation inbred) was crossed to inbred 3IIH6 (a proprietary DEKALB Genetics Corporation inbred) nursery book row number 92M:elite 6 and 92M:elite 14.
Summer 1992	S0 seed was grown (nursery book row number 92N:1459)
Summer 1993	S1 seed was grown (nursery book row numbers 93N:17991 to 18020)
Summer 1995	S2 seed was grown ear-to-row (nursery book row numbers 95N:4554 to 95N:4643)
Winter 1995-96	S3 seed was grown ear-to-row (nursery book row numbers 96M:4N25/1 to 96M:4N25/5)
Summer 1997	S4 seed was grown ear-to-row (nursery book row numbers 97N:7417 and 97N:7418)
Winter 1997-98	S5 seed was grown ear-to-row (nursery book row numbers 98X:980 to 98X:983)
Summer 1998	S6 seed was grown ear-to-row (nursery book row numbers 98N:8167 to 98N:8204). Seed from rows 8185 to 8196 and 8201 to 8204 was designated 17INI30.

Statement of Stability and Uniformity

Corn inbred 17INI30 was coded in 1998 and has been reproduced by self pollination for 3 years and judged to be stable. Inbred 17INI30 is uniform for all traits observed.

Statement of Variants

17INI30 shows no variants other than what would normally be expected due to environment or that would occur for almost any character during the course of repeated sexual reproduction.

EXHIBIT B

Statement of Distinctness

DEKALB Genetics Corporation believes that 17INI30 is most similar to corn inbred 01IBH2, an inbred developed by DEKALB Genetics Corporation.

17INI30 and 01IBH2 differ most significantly in the following traits:

Qualitative Traits:

Trait	17INI30	01IBH2
Anther Color	Red 2.5 R 5/8	Green-Yellow 2.5 GY 8/6
Silk Color	Pink 2.5 R 7/6	Green-Yellow 2.5 GY 8/6
Kernel Row Direction	Straight	Curved

FORM SD-470-28
(9-1-92)

EXHIBIT C
(Corn; Maize)

United States Department of Agriculture, Agricultural Marketing Service
Science Division, Plant Variety Protection Office
National Agricultural Library Building, Room 500
Beltsville, MD 20705

OBJECTIVE DESCRIPTION OF VARIETY
CORN (*Zea mays* L.)

Name of Applicant(s)	Variety Seed Source	Variety Name or Temporary Designation
DEKALB Genetics Corporation		17INI30

Address (Street & No., or R.F.D. No., City, State, Zip Code and Country)	FOR OFFICIAL USE
3100 Sycamore Road, DeKalb, IL 60115 U.S.A.	PVPO Number 2000 0 0295

Place the appropriate number that describes the varietal characters typical of this inbred variety in the spaces below. Right justify whole numbers by adding leading zeroes if necessary. Completeness should be striven for to establish an adequate variety description. Traits designated by a '*' are considered necessary for an adequate variety description and must be completed.

COLOR CHOICES (Use in conjunction with Munsell color code to describe all color choices; describe #25 and #26 in Comments section):

01=Light Green	06=Pale Yellow	11=Pink	16=Pale Purple	21=Buff
02=Medium Green	07=Yellow	12=Light Red	17=Purple	22=Tan
03=Dark Green	08=Yellow-Orange	13=Cherry Red	18=Colorless	23=Brown
04=Very Dark Green	09=Salmon	14=Red	19=White	24=Bronze
05=Green-Yellow	10=Pink-Orange	15=Red & White	20=White Capped	25=Variegated (Describe)
				26=Other (Describe)

STANDARD INBRED CHOICES (Use the **most similar** (in background and maturity) of these to make comparisons based on **grow-out trial data**):

Yellow Dent Families: Family	Members	Yellow Dent (Unrelated):	Sweet Corn:
		Co109, ND246,	C13, Iowa5125, P39, 2132
B14	CM105, A632, B64, B68	Oh7, T232	
B37	B37, B76, H84	W117, W153R	Popcorn:
B73	N192, A679, B73, NC268	W182BN	SG1533, 4722, HP301, HP7211
C103	Mo17, Va102, Va35, A682		
Oh43	A619, MS71, H99, Va26	White Dent:	Pipecorn:
WF9	W64A, A554, A654, Pa91	CI66, H105, Ky228	Mo15W, Mo16W, Mo24W

1. TYPE: (describe intermediate types in Comments section)

* 2 1=Sweet 2=Dent 3=Flint 4=Flour 5=Pop 6=Ornamental 7=Pipecorn

Standard Inbred Name A619
2

2. REGION WHERE DEVELOPED IN THE U.S.A.:

* 2 1=Northwest 2=Northcentral 3=Northeast 4=Southeast 5=Southcentral
6=Southwest 7=Other _____

Standard Seed Source NCRIPS_
2

3. MATURITY (In Region Best Adaptability; show Heat Unit formula in "Comments" section):

	DAYS	HEAT UNITS		DAYS	HEAT UNITS
*	071	1418.0	From emergence to 50% of plants in silk	070	1376.0
*	069	1391.0	From emergence to 50% of plants in pollen		
	___	____._	From 10% to 90% pollen shed	___	____._
(*)	___	____._	From 50% silk to optimum edible quality	___	____._
	___	____._	From 50% silk to harvest at 25% moisture	084	1464.0

4. PLANT:	Standard Deviation	Sample Size	Standard Deviation	Sample Size
* 1 9 1.4 cm Plant Height (to tassel tip)	16.436	40	17 6.7 13.352	120
* 0 9 8.5 cm Ear Height (to base of top ear node)	3.558	40	03 9.3 6.853	120
0 1 0.9 cm Length of Top Ear Internode	1.874	40	01 1.8 2.507	120
Average Number of Tillers				
* 1.0 Average Number of Ears per Stalk	0.000	40	00 1.0 0.000	120
2 Anthocyanin of Brace Roots: 1=Absent 2=Faint 3=Moderate 4=Dark			1	

5

2000 0 0295

Application Variety Data	Page 2		Standard Inbred Data		
5. LEAF:	Standard Deviation	Sample Size		Standard Deviation	Sample Size
* 0 0 8. 3 cm Width of Ear Node Leaf	0.317	40	0 0 8. 9	0.419	120
* 0 7 9. 4 cm Length of Ear Node Leaf	3.012	40	0 6 4. 2	3.944	120
* 5. 8 Number of leaves above top ear	0.297	20	5. 4	0.392	50
2 9. 5 degrees Leaf Angle (measure from 2nd leaf above ear at anthesis to stalk above leaf)	3.458	40	2 8. 5	8.313	100
* 0 2 Leaf Color (Munsell code 5 GY 4/8)			0 3 (Munsell code 5 GY ¾)		
8 Leaf Sheath Pubescence (Rate on scale from 1=none to 9=peach fuzz)			1		
2 Marginal Waves (Rate on scale from 1=none to 9=many)			5		
2 Longitudinal Creases (Rate on scale from 1=none to 9=many)			8		
6. TASSEL:	Standard Deviation	Sample Size		Standard Deviation	Sample Size
* 0 5. 5 Number of Primary Lateral Branches	0.512	40	8. 4	1.804	120
2 7. 0 Branch Angle from Central Spike	1.316	40	2 8. 4	3.766	100
* 4 3. 9 cm Tassel Length (from top leaf collar to tassel tip)	2.361	40	3 6. 1	4.928	120
4. 1 Pollen Shed (Rate on scale from 0=male sterile to 9=heavy shed)			4. 8		
1 4 Anther Color (Munsell code 2.5 R 5/8)			0 5 (Munsell code 2.5 GY 8/6)		
0 2 Glume Color (Munsell code 5 GY 4/8)			0 2 (Munsell code 5 GY 4/8)		
1 Bar Glumes (Glume Bands): 1=Absent 2=Present			1		
7a. EAR (Unhusked Data):					
* 1 1 Silk Color (3 days after emergence) (Munsell code 2.5 R 7/6)			0 5 (Munsell code 2.5 GY 8/6)		
0 2 Fresh Husk Color (25 days after 50% silking) (Munsell code 5 GY 4/8)			0 2 (Munsell code 5 GY 4/8)		
2 1 Dry Husk Color (65 days after 50% Silking) (Munsell code 2.5 Y 8/4)			2 1 (Munsell code 2.5 Y 8/4)		
* 3 Position of Ear at Dry Husk Stage: 1=Upright 2=Horizontal 3=Pendent			1		
2 Husk Tightness (Rate on scale from 1=very loose to 9=very tight)			6		
1 Husk Extension (at harvest): 1=Short (ears exposed) 2=Medium (<8 cm) 3=Long (8-10 cm beyond ear tip) 4=Very Long (>10 cm)			1		
7b. EAR (Husked Ear Data):	Standard Deviation	Sample Size		Standard Deviation	Sample Size
* 1 4. 5 cm Ear Length	0.973	40	1 3. 9	1.111	60
* 3 9. 0 mm Ear Diameter at mid-point	2.071	40	4 4. 3	1.874	60
0 9 7. 8 gm Ear Weight	13.453	40	0 9 3. 1	12.002	120
* 1 5 Number of Kernel Rows	0.916	40	1 5	0.575	60
2 Kernel Rows: 1=Indistinct 2=Distinct			2		
1 Row Alignment: 1=Straight 2=Slightly Curved 3=Spiral			1		
1 0. 1 cm Shank Length	1.559	40	1 3. 0	0.937	120
2 Ear Taper: 1=Slight 2=Average 3=Extreme			2		
Application Variety Data			Standard Inbred Data		

Note: Use chart on first page to choose color codes for color traits.

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2000 0 0295

Application Variety Data	Page 3		Standard Inbred Data		
8. KERNEL (Dried):	Standard Deviation	Sample Size		Standard Deviation	Sample Size
1 0. 2 mm Kernel Length	0.893	20	1 0. 6	0.983	60
0 6. 8 mm Kernel Width	0.300	20	0 8. 2	0.754	60
0 4. 0 mm Kernel Thickness	0.660	20	0 3. 9	0.438	60
1 5. 0 % Round Kernels (Shape Grade)		500g	3 7. 7		500g
1 Aleurone Color Pattern: 1=Homozygous 2=Segregating			1		
(*) 1 9 Aleurone Color (Munsell code Lighter than 2.5 Y 9/2)			1 9 (Munsell code Lighter Than 2.5 Y 9/2)		
* 0 7 Hard Endosperm Color (Munsell code 2.5 Y 8/10)			0 7 (Munsell code 2.5 Y 8/10)		
* 0 3 Endosperm Type: 1=Sweet (su1) 2=Extra Sweet (sh2) 3=Normal Starch 4=High Amylose Starch 5=Waxy Starch 6=High Protein 7=High Lysine 8=Super Sweet (se) 9=High Oil 10=Other			0 3		
3 2. 5 gm Weight per 100 Kernels (unsized sample)	2.798	600 seeds	2 6. 8	3.808	1200 seeds
9. COB:	Standard Deviation	Sample Size		Standard Deviation	Sample Size
* 2 5. 0 mm Cob Diameter at mid-point	2.270	20	2 6. 5	1.022	60
1 4 Cob Color (Munsell code 5 R 3/8)			1 9 (Munsell code Lighter Than 5 Y 9/1)		

10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic):

A. Leaf Blights, Wilts, and Local Infection Diseases	
5 Anthracnose Leaf Blight (*Colletotrichum graminicola*)	7
_ Common Rust (*Puccinia sorghi*)	_
_ Common Smut (*Ustilago maydis*)	_
7 Eyespot (*Kabatiella zeae*)	6
6 Goss's Wilt (*Clavibacter michiganense* spp. *nebraskense*)	6
5 Gray Leaf Spot (*Cercospora zeae-maydis*)	4
8 Helminthosporium Leaf Spot (*Bipolaris zeicola*) Race 2	9 Race 2
6 Northern Leaf Blight (*Exserohilum turcicum*) Race 2	4 Race 2
3 Southern Leaf Blight (*Bipolaris maydis*) Race 0	7 Race 0
_ Southern Rust (*Puccinia polysora*)	_
6 Stewart's Wilt (*Erwinia stewartii*)	_
_ Other (Specify) _____	_ _____
B. Systemic Diseases	
1 Corn Lethal Necrosis (MCMV and MDMV)	4
_ Head Smut (*Sphacelotheca reiliana*)	7
_ Maize Chlorotic Dwarf Virus (MCDV)	_
_ Maize Chlorotic Mottle Virus (MCMV)	_
_ Maize Dwarf Mosaic Virus (MDMV) Strain _____	_ Strain _____
_ Sorghum Downy Mildew of Corn (*Peronosclerospora sorghi*)	_
_ Other (Specify) _____	_ _____
C. Stalk Rots	
_ Anthracnose Stalk Rot (*Colletotrichum graminicola*)	_
_ Diplodia Stalk Rot (*Stenocarpella maydis*)	_
_ Fusarium Stalk Rot (*Fusarium moniliforme*)	_
_ Gibberella Stalk Rot (*Gibberella zeae*)	_
_ Other (Specify) _____	_ _____
D. Ear and Kernel Rots	
_ Aspergillus Ear and Kernel Rot (*Aspergillus flavus*)	_
_ Diplodia Ear Rot (*Stenocarpella maydis*)	_
_ Fusarium Ear and Kernel Rot (*Fusarium moniliforme*)	_
_ Gibberella Ear Rot (*Gibberella zeae*)	_
_ Other (Specify) _____	_ _____

Application Variety Data | Standard Inbred Data

Note: Use chart on first page to choose color codes for color traits.

2000 0 0295

Application Variety Data	Page 4		Standard Inbred Data		
11. INSECT RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested):	Standard Deviation	Sample Size		Standard Deviation	Sample Size
_ Banks Grass Mite (*Oligonychus pratensis*)			_		
Corn Earworm (*Helicoverpa zea*)					
_ Leaf-Feeding			_		
Silk Feeding :					
_ _ _. _ mg larval wt.	_____	_____	_ _ _. _	_____	_____
_ Ear Damage			_		
_ Corn Leaf Aphid (*Rhopalosiphum maidis*)			_		
_ Corn Sap Beetle (*Carpophilus dimidiatus*)			_		
European Corn Borer (*Ostrinia nubilalis*)					
5 1st Generation (Typically Whorl Leaf Feeding)			7		
3 2nd Generation (Typically Leaf Sheath-Collar Feeding)			5		
Stalk Tunneling :					
_ _ _. _ cm tunneled/plant	_____	_____	_ _ _. _	_____	_____
Fall Armyworm (*Spodoptera frugiperda*)			_		
_ Leaf-Feeding			_		
_ Silk-Feeding :					
_ _ _. _ mg larval wt.	_____	_____	_ _ _. _	_____	_____
_ Maize Weevil (*Sitophilus zeamaize*)			_		
_ Northern Rootworm (*Diabrotica barberi*)			_		
_ Southern Rootworm (*Diabrotica undecimpunctata*)			_		
Southwestern Corn Borer (*Diatraea grandiosella*)					
_ Leaf Feeding			_		
Stalk Tunneling :					
_ _ _. _ cm tunneled/plant	_____	_____	_ _ _. _	_____	_____
_ Two-spotted Spider Mite (*Tetranychus urticae*)			_		
_ Western Rootworm (*Diabrotica virgifera virgifera*)			_		
_ Other (Specify) _____			_ _____		
12. AGRONOMIC TRAITS:					
4 Stay Green (at 65 days after anthesis) (Rate on a scale from 1=worst to 9=excellent.)			2		
0 0. 0 % Dropped Ears (at 65 days after anthesis)			0 0. 0		
0 0. 0 % Pre-anthesis Brittle Snapping			0 0. 0		
0 0. 0 % Pre-anthesis Root Lodging			0 0. 0		
0 4. 8 % Post-anthesis Root Lodging (at 65 days after anthesis)			0 3. 2		
3 8 9 1. 1 Kg/ha Yield of Inbred Per Se (at 12-13% grain moisture)			2 6 6 3. 7		

13. MOLECULAR MARKERS: (0=data unavailable; 1=data available but not supplied; 2=data supplied)

1 Isozymes 1 RFLP's 0 RAPD's

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Jugenheimer, R.W. 1976. Corn: Improvement, Seed Production, and Uses. John Wiley & Sons, New York.
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Stringfield, G.H. Maize Inbred Lines of Ohio. Ohio A.E.S., Bul. 831. 1959.
U.S. Department of Agriculture. 1936, 1937. Yearbook.

COMMENTS (eg. state how heat units were calculated, standard inbred seed source, and/or where data was collected. Continue in Exhibit D):

Heat Unit Calculation: GDU = $\frac{\text{Daily Max Temp (<=86°F) + Daily Min Temp (>=50°F)}}{2}$ - 50°F

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
DEKALB Genetics Corporation		17INI30

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	5. TELEPHONE *(include area code)*	6. FAX *(include area code)*
3100 Sycamore Road DeKalb, IL 60115 U.S.A.	(815) 758-9281	(815) 758-3117
	7. PVPO NUMBER	

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* If no, please explain. [X] YES [ ] NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company? [X] YES [ ] NO
If no, give name of country

10. Is the applicant the original owner? [X] YES [ ] NO *If no, please answer one of the following:*

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?

[ ] YES [ ] NO If no, give name of country

b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company?

[ ] YES [ ] NO If no, give name of country

11. Additional explanation on ownership *(if needed, use reverse for extra space)*:

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

STD-470-E (07-97) *(Destroy previous editions).*
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